

Subject: Map Case Emergency Oxygen System  
Type Q-289 (interim)

1. Purpose: To secure funding and construction authorization for five emergency oxygen systems for "B" detachment. Pilots desire installation of a completely independent oxygen system in all U-2 aircraft prior to the forthcoming PAK operation. Their demand is based on the recognition that any oxygen malfunction in the present system would cause descent to lower altitude and consequential project compromise.

2. Work Required: LAC to construct five each Q-289 type map case emergency oxygen systems and forward ASAP to "B" detachment. LAC has quoted cost at \$930. per unit. Transportation and installation cost is unknown but considered negligible.

3. Additional Related Work: None expected.

4. Total Estimated Cost: Approximately \$5,000. Funds in SP-1917. |

5. Delivery Schedule: Earliest possible date. Installation must be completed by time of forthcoming PAK operation.

6. Remarks: Verbal project approval was obtained from Acting Chief, DPD, on 6 March 1959. System is labeled "interim" insofar as a permanent type dual oxygen system under development at LAC will not be available prior to the PAK operation. Components of the Q-289 system will serve as seat pack spares following the development of a permanent type emergency oxygen system.

  
Chief, Operations Br.

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APPROVED:

  
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Acting Chief, DPD-DD/P

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